

ABSTRACT

The present invention provides an object, which, in its outer surface contains a
5 color-forming composition which comprises a solvent-absorbing material that is
generally a polymer; a color-former compounded with the solvent-absorbing material,
where the color-former functions as a metal chelating agent; and metal ions capable of
forming a chelate complex with the color-former as the solvent-absorbing material
absorbs a solvent, resulting in a detectable color change of the composition. The
10 present invention also provides a method for indicating exposure of the color-forming
composition to a solvent, wherein the color-forming composition is to be used on the
outside surface of objects.